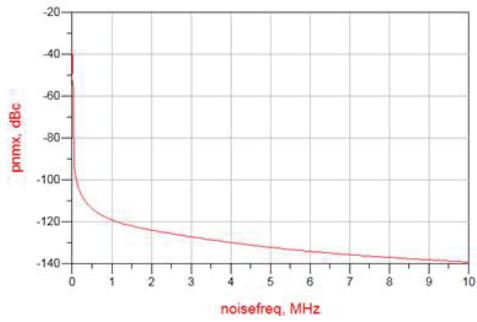
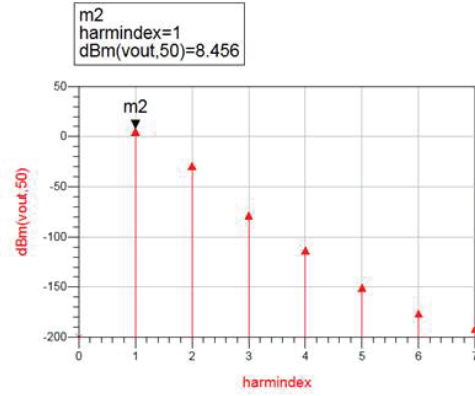
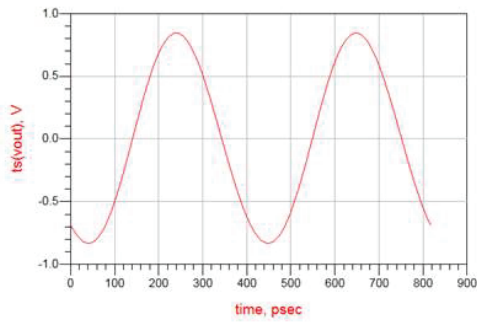


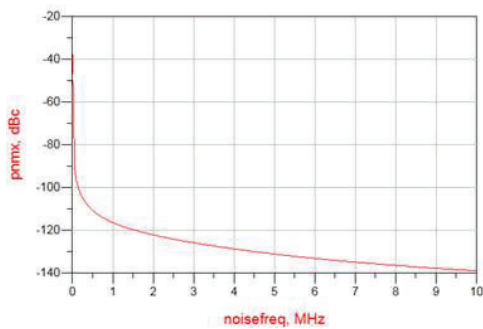
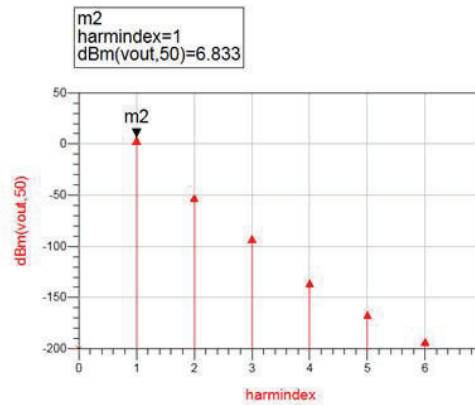
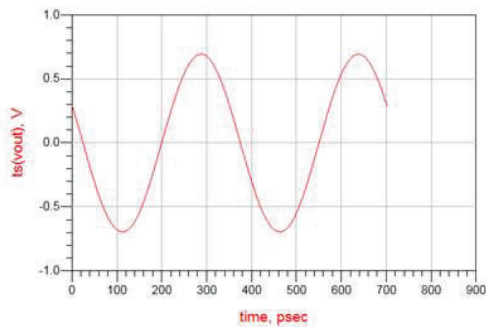
When $V_{Tune} = 0V$:



Eqn Osc_freq=HB.freq[1]

Osc_freq
2.450E9

When $V_{Tune} = 3V$:



Eqn Osc_freq=HB.freq[1]

Osc_freq
2.854E9